National Transportation Safety Board NTSB ID: DFW08RA039 Aircraft Registration Number: N530NA FACTUAL REPORT Occurrence Date: 01/10/2008 Most Critical Injury: None Occurrence Type: Accident Investigated By: Location/Time Nearest City/Place State Zip Code Local Time Time Zone **PST** 00000 1107 Pitt Meadow, BC Distance From Landing Facility: Direction From Airport: Airport Proximity:

Aircraft Information Summary

Aircraft Manufacturer Model/Series Type of Aircraft

Eurocopter France AS350B3 Helicopter

Sightseeing Flight: No Air Medical Transport Flight: No

Narrative

Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:

On January 10, 2008, an American registered Eurocopter AS350 B3, N530NA, experienced a power loss while conducting long line training, using a 100' line with an empty remote hook. The helicopter was hovering with the line near the top of the tree when it descended about ten feet. An attempt was made to pull power back to arrest the decent, the helicopter did not respond and continued to descend slowly. The pilot immediately entered auto-rotation with the helicopter about 200' above ground level (AGL). Upon impact, the aircraft settled about 15 degrees to the right, and the main rotor blades contacted some very small trees. The engine continued running and the rotor RPM was low. The two occupants were not injured. Company maintenance and Turbomeca personnel subsequently extracted stored data from the Engine Electronic Computer Unit (EECU) and Homogenized Metering Unit (HMU) Computer. The components will be removed for further evaluation as a fault code was indicated.

This investigation is under the jurisdiction of the Government of Canada. Further information may be obtained from:

Transportation Safety Board of Canada 335-550 Century Street Winnipeg, Manitoba, Canada R3H 0Y1

TSB Air Operations +1-819-994-4252 mailto:airops@tsb.gc.ca This report is for informational purposes only.

National Transportation Safety Board FACTUAL REPORT AVIATION

NTSB ID: DFW08RA039

Occurrence Date: 01/10/2008

AVIATION Occurren						ence Type: Accident										
Landing Facility/Approach Inf	orma	ation														
						port ID: Airport Elevation				Runway Used Runway Len			Runv	vay Width		
						Ft. N	MSL									
Runway Surface Type:										1						
Runway Surface Condition:																
•																
Type Instrument Approach:																
VFR Approach/Landing:																
Aircraft Information																
Aircraft Manufacturer				Mode							Serial	l Number				
Eurocopter France				AS3	50B	3										
Airworthiness Certificate(s):																
Landing Gear Type:																
Homebuilt Aircraft? No	Certifi	Certified Max Gross Wt.					LBS Numbe			gines	:					
Engine Type: Er						Engine Manufacturer:					Model/Series:			ed Power:		
- Aircraft Inspection Information																
Type of Last Inspection Date					Pate of Last Inspection Time Sind				nce Last Insp	Airfrar	Airframe Total Time					
											Hours			Hours		
- Emergency Locator Transmitter (I	ELT) I	nformation														
ELT Installed? ELT Operated? ELT Aided in Locating Accident Site?																
Owner/Operator Information																
Registered Aircraft Owner Street Address																
				City	City								ie	Zip Code		
Operator of Aircraft						Street Address										
Prism Helicopters	City	City							Stat	te	Zip Code					
Frisin Helicopters														·		
Operator Does Business As:				Op	perator Desig	nator Co	ode:									
- Type of U.S. Certificate(s) Held:																
Air Carrier Operating Certificate(s):																
Operating Certificate: Operator Certificate: Aircraft External Load																
Regulation Flight Conducted Under	: Nor	n-U.S., Non-0	Commo	ercial				, 41								
Type of Flight Operation Conducted																
J. 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -																
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National Transportation Safety Board FACTUAL REPORT AVIATION

NTSB ID: DFW08RA039

Occurrence Date: 01/10/2008

Ā	VIATI	Occurrence Type: Accident												
First Pilot Information														
Name	City	Sity					Da	te of Birth	Age					
Sex: Seat Occupied: Principal Profession: Certificate Number:												•		
Certificate(s):														
Airplane Rating(s):														
Rotorcraft/Glider/L1	TA:													
Instrument Rating(s	s):													
Instructor Rating(s)):													
Type Rating/Endors	sement fo	r Accident/Ir	ncident Aircra	ft?			C	urrent Bi	ennial Flig	ht Rev	view?			
Medical Cert.:		Medica	al Cert. Statu	S:					Date	of Last	Medic	al Exar	n:	
		-												
- Flight Time Matrix	Flight Time Matrix All A/C This Make and Model			Airplane Single Engine	Airplane Mult-Engine	Night		Actual	nstrument Simu	lated	Rotorcraft		Glider	Lighter Than Air
Total Time														
Pilot In Command(PI	C)													
Instructor						_	_							
Last 90 Days						_					_			
Last 30 Days						1	\dashv				-			
Last 24 Hours						 						T_		
Seatbelt Used?		Shou	ılder Harness	Used?		T	oxico	logy Per	formed?			Seco	nd Pilot?	
Eli La Di Mai														
Flight Plan/Itine														
Type of Flight Plan	Filed:						State							
Departure Point								P	Airport Identifier			Departure Time		Time Zone
Destination								State Air			Airport Identifier			
Type of Clearance:						·								
Type of Airspace:														
Weather Inform	ation													
Source of Briefing:	:													
Method of Briefing:	:													
				FACTUAI	REPORT	- AVIAT	TION	1						Page 3

National Transportation Safety Board
FACTUAL REPORT
AVIATION

NTSB ID: DFW08RA039

Occurrence Date: 01/10/2008

Sky/Lowest Cloud Condition: Ft. MSL NM Deg. Mag. Ft. AGL Condition of Light: Lowest Ceiling: Ft. AGL Visibility: SM Altimeter: "Hg	AVIATION				Occurrence	Acciden	t							
Sky/Lowest Cloud Condition: Ft. MSL Ft. MSL Ft. AGL Condition of Light: Lowest Ceiling: Ft. AGL Visibility: SM Altimeter: 'Hg Temperature: 'C Dew Point: 'C Wind Direction: Weather Conditions at Accident Site: Visibility (RVR): Ft. Visibility (RVR): SM Intensity of Precipitation: Accident Information Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: -Injury Summary Matrix Fatal Second Pilot Fight Engineer Check Pilot Fight Engineer Cabin Atlandants Other Crew Passengers -TOTAL ABGARD - Other Ground	Weather	Information												
SkylLowest Cloud Condition: Ft. AGL Lowest Ceiling: Ft. AGL Visibility: SM Altimeter: "Hg Temperature: "C Dew Point: "C Wind Direction: Weather Conditions at Accident Site: Visibility (RVR): Ft. Visibility (RVR): Ft. Visibility (RVV) SM Intensity of Precipitation: Restrictions to Visibility: Type of Precipitation: Accident Information Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: -Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot Second Pilot Fight Instructor Check Pilot Fight Instructor Check Pilot Fight Engineer Cabin Attendants Other Crew Passengers -TOTAL ABOARD Other Ground	WOF ID Observation Time Time Zone				VOF Elevati	on	WOF Di	stance Fron	n Accid	dent Site		Direction From Accident Site		
SkylLowest Cloud Condition: Ft. AGL Lowest Ceiling: Ft. AGL Visibility: SM Altimeter: "Hg Temperature: "C Dew Point: "C Wind Direction: Weather Conditions at Accident Site: Visibility (RVR): Ft. Visibility (RVR): Ft. Visibility (RVV) SM Intensity of Precipitation: Restrictions to Visibility: Type of Precipitation: Accident Information Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: -Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot Second Pilot Fight Instructor Check Pilot Fight Instructor Check Pilot Fight Engineer Cabin Attendants Other Crew Passengers -TOTAL ABOARD Other Ground														
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Temperature:	Sky/Lowes	st Cloud Condition:				Ft. AGL			f Ligh	nt:				
Wind Speed: Visibility (RVR): Ft. Visibility (RVV) SM Intensity of Precipitation: Restrictions to Visibility: Type of Precipitation: Accident Information Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pliot 1 1 1 Second Pilot 1 1 1 Suudent Pilot 1 1 1 Situdent Pilot 1 1 1 Filight Instructor 1 1 1 1 Classification: Classification: - TOTAL ABOARD - 2 2 2 Other Ground	Lowest Ce	Ft.	AGL	Visibi	Visibility:			SM Altimeter:						
Visibility (RVR): Ft. Visibility (RVV) SM Intensity of Precipitation: Restrictions to Visibility: Type of Precipitation: Accident Information Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: -Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 1 Second Pilot 1 1 1 Student Pilot 1 1 1 Student Pilot 1 1 1 Flight Instructor Check Pilot 1 1 1 Flight Engineer Cabin Attendants 0 1 1 1 Other Crew Passengers 1 1 1 1 Passengers 2 2 2 Other Ground 1 2 2 2	Temperature: °C Dew Point:				°C	Direction:				Ft.				
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Accident Information Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 Second Pilot 1 1 Student Pilot 1 1 Student Pilot 1 1 Flight Instructor 1 1 Clabin Attendants 1 1 Other Crew Passengers 1 2 Other Ground 1 2 Other Ground 1 2 Aircraft Explosion	Restriction	s to Visibility:	•											
Accident Information Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 Second Pilot 1 1 Student Pilot 1 1 Student Pilot 1 1 Flight Instructor 1 1 Clabin Attendants 1 1 Other Crew Passengers 1 2 Other Ground 1 2 Other Ground 1 2 Aircraft Explosion														
Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 1 Second Pilot 1 1 1 Student Pilot 1 1 1 Flight Instructor 1 1 1 Check Pilot 1 1 1 Flight Engineer 1 1 1 Cabin Attendants 1 1 1 Other Crew 1 2 2 Passengers 2 2 2 Other Ground 1 1 1	Type of Pro	ecipitation:												
Aircraft Damage: Substantial Aircraft Fire: Aircraft Explosion Classification: - Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 1 Second Pilot 1 1 1 Student Pilot 1 1 1 Flight Instructor 1 1 1 Check Pilot 1 1 1 Flight Engineer 1 1 1 Cabin Attendants 1 1 1 Other Crew 1 2 2 Passengers 2 2 2 Other Ground 1 1 1														
Classification: Injury Summary Matrix Fatal Serious Minor None TOTAL First Pilot 1 1 1 Second Pilot 1 1 1 Student Pilot 1 1 1 Flight Instructor 1 1 1 Check Pilot 1 1 1 Flight Engineer 1 1 1 Cabin Attendants 1 1 1 Other Crew 1 1 2 2 Other Ground 2 2 2	Accident	Information												
Fatal Serious Minor None TOTAL	Aircraft Da	mage: Substantial	Aircraft Fire	Aircraft Fire: Ai					Aircraft Explosion					
First Pilot 1 1 Second Pilot 1 1 Student Pilot - - Flight Instructor - - Check Pilot - - Flight Engineer - - Cabin Attendants - - Other Crew - - Passengers - - - TOTAL ABOARD - 2 2 Other Ground - -	Classificati	ion:		•										
Second Pilot 1 1 Student Pilot - - Flight Instructor - - Check Pilot - - Flight Engineer - - Cabin Attendants - - Other Crew - - Passengers - - - TOTAL ABOARD - 2 2 Other Ground - -	- Injury Su	mmary Matrix	Fatal	Seriou	s Mino	r	None	TOTAL						
Student Pilot Flight Instructor Check Pilot Flight Engineer Cabin Attendants Other Crew Passengers - TOTAL ABOARD - Other Ground	First Pi	ilot					1	1]					
Flight Instructor Check Pilot Flight Engineer Cabin Attendants Other Crew Passengers - TOTAL ABOARD - Other Ground	Second	d Pilot					1	1						
Check Pilot	Studen	nt Pilot												
Flight Engineer	Flight I	nstructor]					
Cabin Attendants	Check	Pilot												
Other Crew	Flight E	Engineer												
Passengers 2 2 - TOTAL ABOARD - 2 2 Other Ground	Cabin A	Attendants												
- TOTAL ABOARD - 2 2 Other Ground	Other C	Crew												
Other Ground	Passer	ngers												
	- TOTAL A	ABOARD -					2	2						
- GRAND TOTAL - 2 2	Other C	Ground												
	- GRANE	O TOTAL -					2	2						

National Transportation Safety Board

NTSB ID: DFW08RA039

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FACTŲAL REPORT	Occurrence Date: 01/10/2008	
FACTUAL REPORT AVIATION	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC)		
Leah yeager		
Additional Persons Participating in This Accident/Incident	ent Investigation:	
	•	
Alaska		